TRANSPARENCY IN INTERIOR ARCHITECTURE AS A MODERN APPROACH

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Abstract: Introduction: According to the dictionary definition (Webster's New International Dictionary, Second Edition), transparency is the quality, or state, of being transparent. And the meaning of transparent is having the property of transmitting rays of light, so that bodies can be seen through; opposed to *opaque*. The intent of this study is to investigate the use of transparency in interior spaces. In this context, general meaning of concept of transparency and its place in interior architecture as design element are discussed. **Aim:** One of the purposes of this study to provide new understanding to the concept of transparency and to explore the design dynamics of concept of transparency that produced with literal and phenomenal methods. In this context, the conceptual definitions of the subject of transparency, its dimensions and its aim are discussed. **Content:** Although the study examines a specific usage in architectural design, philosophy and art subjects which are located in the study help us to understand the essence of the work as a whole. **Constraints:** In this context, we can examine the transparency under five main topics which are; literal visual transparency, one-way transparency, two-way transparency, expression of the transparent surface and phenomenal transparency. **Method:** In this part of the study, there is an interview that done with the expert in interior architecture to answer the main questions and their sub questions which are, what are the meaning of transparency as philosophical and architectural? What are our targets in usage of transparency? How do designers use transparency to define an interior space? What are the purposes of usage of transparency in interior spaces? How does the transparency contribute to define an interior space? What are the things we want to specify by using transparency? And there is a case study to make analyzes on architectural samples which are both interior architecture and architecture itself that comes forward with transparent feature**. Findings:** The study includes the definitions that belongs to the concept, the dimensions and scope of transparency and the classification of the main purposes of transparency usage. In the classification of the purposes of transparency usage, there are the subjects of the provision of physical and biological needs (light, air, shadow) of people who living in space, ensuring the communication of structure with the outside world and the nature, providing feeling of freedom to people who living in space, creating consciousness of climate and time, creating a feeling for people that somewhere they belong and providing form to structure and interior spaces. Literal visual transparency gives structural clarity, provides visual encounter with structure, creates relationship of skin and structure, brings conceptual and functional clarity. One-way transparency is a functional opening in which visual connection becomes the mirror function and entry of light and air is the primary use. Two-way transparency gives visual connection between spaces is the primary function. Phenomenal transparency is about reflection, refraction, openness, enclosure, projection of space and programmatic transparency. Expression of the transparent surface explores attributes of various

transparent surfaces in the subjects of such as energy efficiency, glare and placement of materials programmatically. Glass and the other structural elements which can be transparent created great riches in the architectural design in context of light, optics, design, lighting, technology and materials. Today, there are various transparent material choices like different types of glass, concrete, plastics, fabrics, aerogel, diaphanous metals, expanded meshes and metal fabrics. But, glass is the most widely used transparent material throughout history. Usage of different transparent material causes different impacts on architectural design. For that reason, the material choices are quite important for designers. As well as design, there are several changes depending on what type of transparent material is used in many issues such as energy efficiency, cost, and structural merit. **Conclusion:** Transparency can be utilized to fill different reasons and needs in interior architecture. Structural transparency can mean various things. It can be accomplished with the utilization of specific materials, spatial format or general way to deal with the arranging and programming of the space. Transparency illuminates the building volume and makes references from the building. Designers can characterize an inside space by utilization of transparent materials, openings, associating spaces both on a level plane and vertically inside of the limits of the entire volume. Transparency can give an outwardly associated, open, in some cases more productive space. On account of transparency, the inside can not be isolated from the outside in light of the fact that the outside characterizes the inside and the inside characterizes the outside.

Key Words: Transparency, Interior Architecture, Modern Approach